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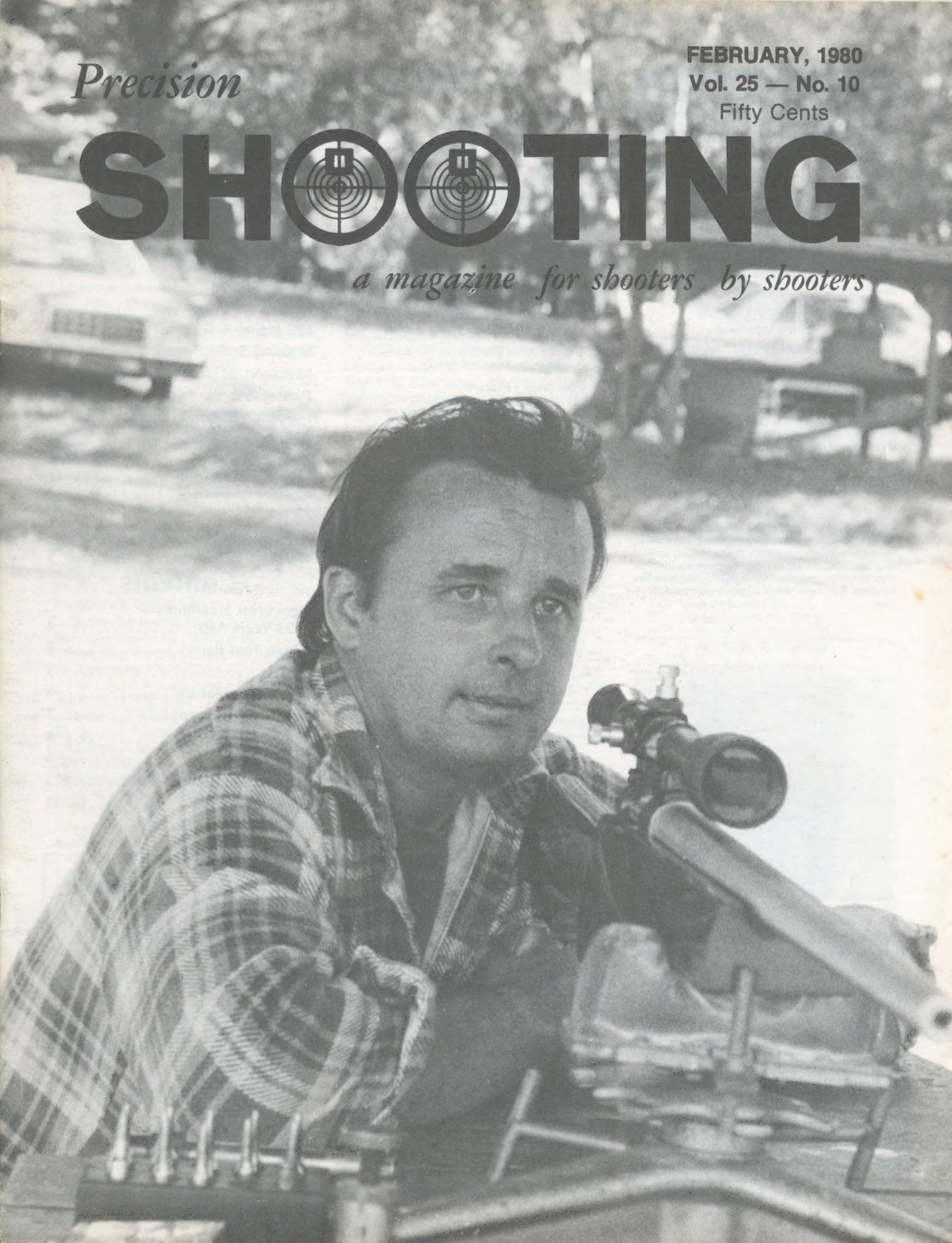
Precision SHOOTING

a magazine for shooters by shooters



PRECISION SHOOTING

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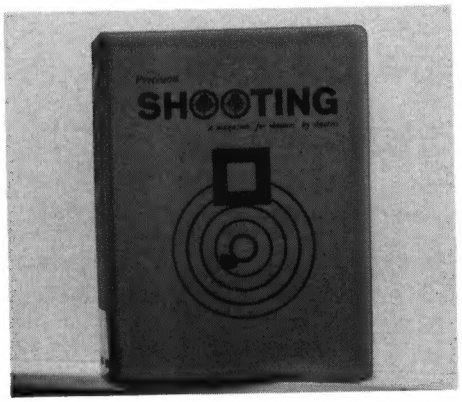

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IBS Memo

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IBS Charter Membership Patches and regular patches are available at $2.00 each.

When ordering **Charter Membership patches,** please indicate your 1970 Card Number.

Benchrest Headlines — 25 Years Ago

by A. H. Angerman

- The February, 1955 magazine cover treated us to a shot of the benchrest range at Buffalo, Wyoming. Ten uncovered benches with small wooden barrels to sit on were enough to generate plenty of interest. Wind and mirage were generallly so bad during the day that most shoots here were held at night.

- Letters began to pour in regarding the value of the minute of angle (MOA) method of computing aggregates. J. B. Sweany, famous for the invention of his group measuring instrument, put it this way, "If you shoot a one inch group at 100 yards and a two inch group at 200 yards you have shot close to one MOA. But if you add the 1" and 2" groups and divide by two (then the current practice), you get 1-1/2". Does this mean you shot 1-1/2 MOA? Where?

- Crawf Hollidge started to crank out his monthly column titled "Stool Shootin' Stuff" using Ernest Stuhlschuter as his pen name. In his opening piece he discussed the highlights of several days worth of chronograph tests on the 219 Don., covering the effects of bullets, powders, primers and thrown versus weighed charges.

- Ted Holmes, Mattoon, Illinois sparked the development and construction of the Windsor Rod and Gun Club to provide more benchrest shooting in the area. In late 1954 he bought the business and equipment of Robert Sherer, South Whitley, Indiana. Holmes then hired Bob to work for him in his new shop. The same Bob Sherer we know as a shooter-gunsmith-barrel maker no doubt. Ted caught the bench bug pretty bad for he soon offered custom benchrest rifles, front pedestals, imported actions and bullets.

- Col. Whelen said it was OK to shoot .224" bullets in a .223" barrel. Don't take this as gospel truth for all guns as the good Colonel may have forgotten to advise that he dropped the load a few grains. I believe this bullet diameter business was directed to the 22 Hornet.

- Ed McNally blasted off his 1955 presidency, calling for more members, matches at 300 yards and/or 300 meters and benchrest competition for varmint and hunting rifles. He suggested that clubs formulate their own rules for these proposed classes so that the Association could sort out their experiences, come up with a set of uniform rules, establish national competition and maintain group and aggregate records. He figured that the introduction of varmint rifles into benchrest shooting would double or triple membership, put the knowledge of benchrest precision to practical use and generate many more heavy gun shooters. Looking back 25 years we find his first two hopes came true, but alas the program did not increase the heavy gun clan.

- Phil Teachout, editor, really put in a lot of advertising aimed at benchrest shooters. Sierra bullets true to their aim, Beecher's front rest, Owen laminated stocks, Baldwin bullets, W+S neck graphiter, Ness Selected Supplies, Hornady and Kenru bullets, Douglas and Hart barrels, Hollidge blanks, the powerful RCBS bullet making press and Unertl scopes. Other names seen in print monthly were Heatbath, Friddell's, P. J. O'Hare, Freeland, Llanerch, Sam Bond, Norma, Dunbar, 10-X, Shooter's Accessory Supply and Berkshire.

Back Issue Update

The following are the back issues on file as of this date. Some are in limited quantity so order now if you need to fill in your reference file.

All back issues $1.00 each.

1979—All back issues to date.
1978—All issues
1977—All issues
1976—All issues
1975—No February, May or September
1974—No February or March
1973—No February, March, July or November
1972—All issues
1971—All issues
1970—No January, April, May, June or July
1969—All issues
1968—No February
1967—No December
1966—No June
1965—No January, February or March
1964—No June, July, August, September, October or December
1963—All issues
1962—No January, February or March
1961—None available
1960—No January, February, March or April

We currently have no magazines for any year prior to 1960.

R.R.M.

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Clean That Barrel

by Bob Hart

The importance of properly cleaning a target or benchrest rifle barrel can not be emphasized enough. The following information is based on actual tests and observations of stainless steel barrels but the writer believes that it applies to all barrels.

When a barrel is new or in good condition it should be cleaned every 15 shots or oftener. The procedure I have used with good success is as follows: Use a plastic covered ramrod (be very sure to keep the rod clean and free from grit) and begin by dipping a brass wire brush in a bottle of Hoppies No. 9 and passing it through the bore about 5 times in both directions; no harm is done by pushing the brush out the muzzle and bringing it back in again. The wire brush should fit the bore rather tight to insure a good scrubbing. Check brush regularly for wear; after considerable use they usually shed bristles on one side and the bore can be damaged if the steel wire core of the brush is allowed to contact the bore. Follow the brushing with three patches to completely dry out the bore. Never shoot a barrel when wet with oil or cleaning fluid; it causes excessive pressures and may harm the barrel. The above procedure should be followed during the shooting period and when the shooting is completed clean as outlined above with this addition: wet the bore with Hoppies No. 9 on the brush and leave it wet until it is used again. This will give the chemicals a chance to dissolve the copper fouling from the bore. The Hoppies and fouling in the bore may become dry or sticky if the gun is not used for 3 or 4 days or longer so it follows that a fresh wet brushing should be done before drying out for shooting.

Always clean a rifle from the breech if possible.

An actual test was made to see if a barrel could be harmed by the above procedure. Excessive brushing was done and cleaning frequency was increased, the barrel was inspected thoroughly during its life and no damage from cleaning was found. To get continued and maximum accuracy from a barrel IT MUST BE KEPT CLEAN. Some calibers may not lose accuracy as quickly as others but eventually it will take its toll.

When a barrel becomes worn and begins to lose accuracy it can usually be detected immediately after cleaning. If a varying number (depending on barrel condition) of fouling shots are fired and accuracy improves reduce cleaning to every 25 or 30 shots. This is a crutch to complete a match with and it would be well to have this barrel inspected for condition.

A ramrod guide that extends the full length of the action is a help in that it reduces the chance of gouging the bore and keeps solvents and dirt from getting into the trigger mechanism.

A properly cleaned barrel will increase your confidence in your rifle and confidence is a must to be a winner.

Reprinted from the June, 1968 issue by popular request.

T. I. P. S.

Thinking Individuals Promote Shooting

By the Readers — For the Readers

P.S. will pay $10.00 for each T.I.P.S. used in this column. R.R.M.

Yardage letters, ID numbers, graduation lines on scopes become discolored in time by dirt, grease and grime. To get them nice and white again, first scrub them with a toothbrush and solvent to remove most of the crud, then rub them generously in all directions with a white china marking pencil or crayon, finally wiping off the excess. The same trick can be used to fill in hard to see number and letter stampings on barrels, actions etc.

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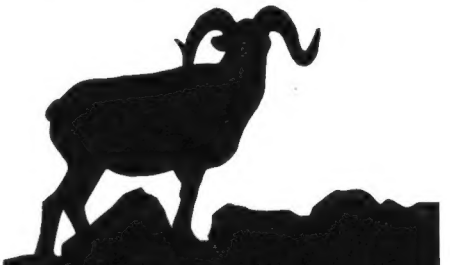

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Benchrest Feature

by Lt. Col. Rick Hornbeck
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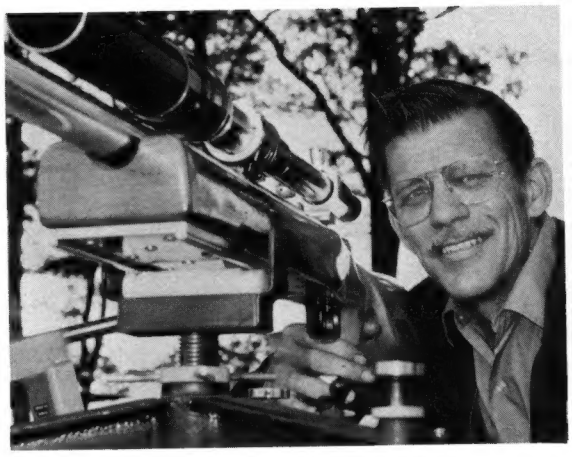

GTB:

In the May '79 issue of P.S. we reviewed Bob Cauterucio's GTB bullet line and reported on shop bench checks of the 6mm bullets in 63 and 68 grains. During the past shooting season, these bullets have been shot in practice and matches along with the .224" and .308 bullets. GTB bullets have proven themselves to me, and several other shooters. They have been used by our editor, Ritchie Moorhead, and his performance with these bullets can be checked in match reports.

GTB bullets are made in custom dies by Pindell and Rorschach. Bob is continually trying to make a better bullet. For example: he wasn't happy about the quality of lead wire he could get for bullet cores, so he started to make his own. His setup could extrude enough for most of his needs but fell short when the demand went up. In a phone call he told me that he is reworking this setup and will shortly increase his output by six times. When this is completed he will make the lead wire available for home bullet making. Wire will not be put on spools but supplied in straight lengths of any reasonable length requested. He will be ready to go with this in a few months so watch these pages for availability and prices if you are interested. The important factors of purity, uniform density and diameter of wire that go into bullets has been brought up a number of times in this column. It contributes to top quality match bullets.

B-Square:

Dan Bechtel, Mr. B-Square, has come up with another handy little tool that every gunsmith and small shop with a grinder or drill press will find helpful indeed, The Blade Maker. This is a jig which clamps to a bench grinder tool rest or drill press table and makes possible the grinding of any size screwdriver blade or brings those worn and broken numbers around the shop back to new condition. It works like a charm. A while back I had a Browning Broadway that needed take-down for cleaning. It had all those nice looking and troublesome thin slotted screws. The Blade Maker fashioned a blade for a perfect fit in short order and the screws were removed without burrs. I suspect this was a first for me. Worn blades were reworked to new condition while I was at it. The secret to getting a good working blade is to keep the grinding passes small and cool, which prevents pulling the proper temper from the blade. Special non-standard slots can be fitted with little trouble.

Another new item from B-Square is called the Bedding Checker. It works somewhat different than those used in the past. They fastened a dial indicator to the barrel and indicated against the stock and checked the bedding physically applying pressure on the barrel, observing the degree of displacement from zero. This system was developed by the late Bob Hart and is very effective after some level of experience.

The Bedding Checker consists of a bar which holds a dial indicator at one end and mounts in the scope rings. The indicator makes contact with the barrel. The rifle is then fired. If the bedding is something other than perfect the dial indicator will show the degree of changing pressure. In use I found that I couldn't prove much of anything on a benchrest rifle stocked in a fiberglass stock with the action glued in and free floating barrels. It did, however, verify that Hart and McMillan barrels don't move around from shot to shot or that a barrel has to be much over hand tight in the action. When checking conventional bedding and wood stocked rifles it was quite a different story.

The Bedding Checker was mounted on a wood stocked rifle, a .243 Winchester that has never shown a great deal of acceptable performance regardless of reloads, rebedding and other attempts to improve it. After three shots with the B-Square Checker installed, the indicator was moving all over the place to a different place after each shot. This short test proved that this rifle is very ill and further investigation is in order.

Mackert Bullet Gages:

John Mackert gave me chance to try his bullet gages this past summer. They are used to check bullets for base to point uniformity, ogive to base and total length checks. They are made in .224, 6mm and .308 sizes, are only one inch long and .375" in diameter. They take up little room in the shooting box. With a micrometer or calipers bullets can be checked at a very acceptable rate. John's address is 821 E. 2nd St., Nescopeck, PA 18635.

Chapman Mfg. Co.:

Each year my shooting box gets to be more and more work to cart around. This is either the result of stuffing more and more tools into my ole worn Sears tool box or my old age. The collection of screw drivers and allen wrenches adds up to some weight and, regardless of the number rattling around inside, there always seems to be some need for one size not within, or lost in the shuffle. While at a match at Council Cup I found need for an allen wrench which was not to be found within. I descended to the range store that Wally Hart always has set up and found a kit made by Chapman that has a handle, torquing wrench, 2-1/2 inch extension and fourteen blades. In addition, Wally carries an adapter pack "C" that hold nineteen allen wrench blades. I had the whole

Next Page Please

11th Annual Winter Meeting of I.B.S.

MINUTES

The 11th. annual Winter Meeting of I.B.S. was called to order by President Robert White on November 17, 1979, at the Treadway Inn in Scranton, Penna, at 9:00 a.m. He noted that the necessary quorum was present and that a majority of the club directors were also present making the meeting legal. Executive board members present were Bob White, Gary Ocock, Charlie Fountaine, Mike Walker, and John Moulthrop. Club directors present were: Charlie Fountaine, Dunhams Bay; Willie Sahler, Englishtown; Clyde Hart, proxy for Stonewall; Hank Gonnella, Camillus; Floyd Skakel, Pine Tree; Lloyd Richards, South Creek; and Clyde Hart, proxy for Council Cup. Unrepresented were: Central Penn, Prairie Dog Target Club, Stittsville, Saginaw, S.N.E.B.R.S.A., Fairfax and Capital City.

Welcoming remarks and announcements were made by Bob White. A moment of silence was observed for deceased colleagues and ground rules for the meeting were mentioned. Mike Walker served as parliamentarian. Minutes from the last Winter Meeting were approved as all members had a chance to read them in Precision Shooting.

John Moulthrop's treasurer's report was given. Income for the year was about the same as last year but expenses were higher. Bob White noted that in article 19, section 3, of the rule book, an audit was required. Volunteers for that job were Clyde Hart and Ed Joiner. They will complete the audit sometime during the course of the weekend and report on their findings.

Reports from the standing committees were heard next. Varmint Committee: Bob White reported that the membership does not report grievances or compliments to the committee chairman and he would appreciate it if they would. The only varmint committee suggestion that was made concerned Sporter and Light Varmint classes. There seemed to be an equal amount of members who wanted to retain both classes or eliminate one class. Other than that the Heavy Varmint class seems to be quite healthy and everyone is satisfied.

Heavy Bench Committee: Al Angerman read a report written by John Trela who was not present because of illness. John stated that the big gun internationals this year had the biggest turnout ever: mainly because it was a merchandise match. He asked for any suggestions that would make it even better in the future. Contributions for winners were made by Remington Arms Co., IBS-P.S., Bob White, R. W. Hart & Son, Sierra Mfg., MTM, Al Handschuh, Hodgdon Powder Co., Boops Gun Shop, C. J. Detsch, Federal Cartridge Corp., Hart Rifle Barrels, Lyman Mfg., Hawks Corner Sport Shop, Seeley Masker & John Trela.

Editor's note:
Heavy Bench committee report

In the January issue of Precision Shooting we printed the first part of John's letter. The remainder of the letter appears here.

The 1979 Heavy Bench Championship was the largest in the history of IBS. I would like to see this class grown even bigger. In the future it would be nice to have a four day Heavy Bench Championship. This is only going to be possible by getting the Heavy Bench shooters involved in helping the class to expand.

I would also like to see a Three Gun Championship which included the Heavy Bench rifles. This can easily be accomplished by combining Sporter and Light Varmint.

I would like to recommend that committee members be reimbursed for expenses in line with their committee work.

I feel that it is my privilege to continue to help, in any way possible, to meet these goals.

Once again we, the members of the committee, want to thank all of the sponsors and would hope that they continue to support us in our effort. This thank you comes not only from the committee but from the shooters as well.

Sincerely yours,
John Trela,
Committee Chairman

Hunter Rifle Committee: Randy Fritz stated that this year was good for Hunter class considering costs. On the trial period for plug use on a common caliber basis, there were some 50 people at the internationals where the meeting was conducted. There were 97% in favor of eliminating the plug and going back to traditional bore size plugs. Records are up to date and certificates will be issued. The Hunter class committee supports item No. 14 on the agenda which adds L.V. to shooting for score. Randy Fritz expressed the hope that the clubs will keep the plugs. Current records brought up to date were scored with the old type plug.

At the conclusion of the reports from the standing committees the next item on the agenda was the election of members for the committees. For the varmint class the same committee was retained as Mike Walker moved that the President be allowed to appoint new committees, seconded by Rick Hornbeck, the majority ruled. This consists of Bob White, P. J. Hart and Ned Hosey.

Hunter Committee: Milan Skodacek moved to retain the same committee, Charles Pardoe seconded, the majority ruled. This consists of Randy Fritz, Paul Olewine and Robert Linn.

Heavy Bench Committee: Charles Pardoe moved to retain the same committee; Lloyd Richards seconded, the majority rules. This consists of Randy Fritz, John Trela and Al Angerman.

(continued on page 10)

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works at once, cut down the weight in my box and have every size I'll ever find need for at a match. Chapman Mfg. Co. is located in Durham, CT. Wally can also supply these kits as do many other dealers and hardware stores. This is just a darn dandy kit to have around.

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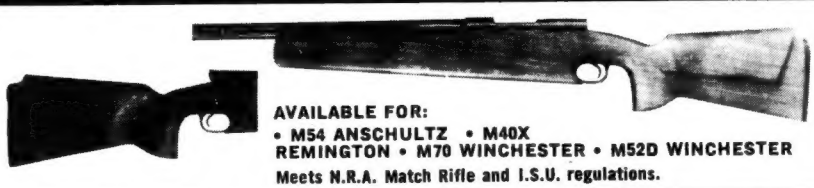

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"The Editor's Hour"

There are times when I sincerely wish that I did not have to sit down at this typewriter and carry news to the readers of these pages. The news that I am about to present fits into that category.

On November 29, 1979 benchrest lost one of its most avid supporters with the death of Mr. Kerry Butler. Kerry was relatively new to the game but his enthusiasm made up for inexperience. In his home state of Virginia he was known as a driving force in the development and promotion of benchrest. He attended "Benchrest '79" to learn more and his enthusiasm was obvious in his efforts. I spent quite a few evening hours with Kerry and enjoyed every minute of it all. Here was a guy with genuine interest.

On the fateful night in November his life was snuffed out with a bullet from the gun of one of a group of robbers. The robbers took only his life and wounded a companion in the store that Kerry operated. A good and decent life was taken by men with unknown motives. We will all suffer by his passing for he had much to share.

In an attempt to gain information a reward fund has been established. Hopefully the reward will prompt someone to turn over information that will lead to the conviction of the killers. We strongly suggest that each and every shooter who reads this should consider contributing to this good cause. To make your donation write to Mr. Richard J. Holland, The Farmers Bank, Windsor, Va, 23487. Perhaps if enough of us act we can convince the world that acts of this sort are not to be taken lightly. Always remember that the next one, God forbid, could be one of us. Thank you!

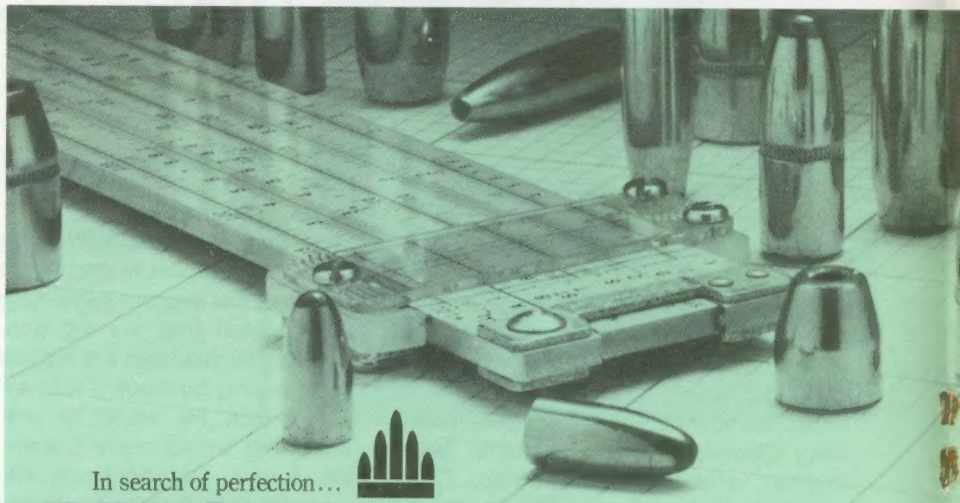
* * * *

From time to time we get requests for reprints of various articles. Barrel cleaning has to be the top request. We are running a reprint of an article by the late R. W. Hart on that topic. It is time tested and proven many times over. It first ran in the June 1968 issue. We ran it again in 1974 but the requests keep coming so we are giving it to you again. Look for it elsewhere in this issue.

As of January 1 we have a new set of officers. Mr. Ed Joiner was elected First Vice President. John Moulthrop was reelected Treasurer and Charles Fountaine was reelected Secretary. I am sure that each will serve us well. If you have any information for these gentlemen feel free to contact them. Their addresses appear on page 3. Our congratulations and best wishes go out to these men who will serve us for the next 2 years.

* * * *

One of the questions on the ballot was to resolve the problem of the annual meeting. The choices were November, January, either or neither. Neither was the winner with about 50 votes. Either finished second with 33 votes. January was third with 30 votes and November finished last with 29. If all that effort was supposed to tell us something I fail to see what it was. There was supposed to be a clear majority for one month. There are many of us who do not like the November meeting due to hunting season. There are many of us who do not like the January meeting due to



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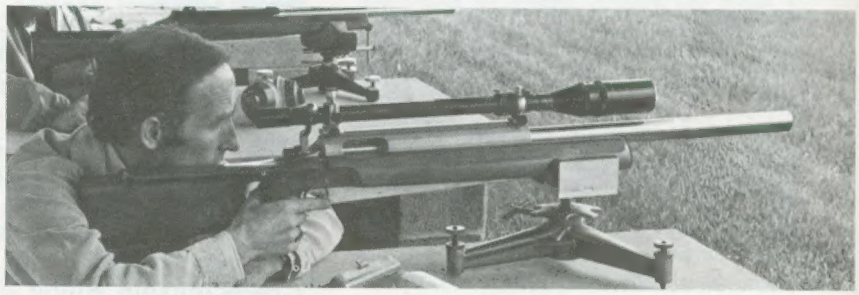

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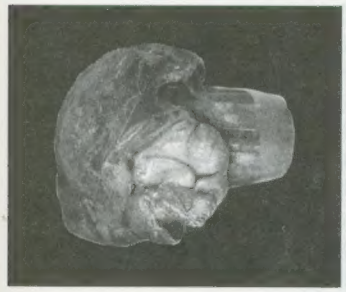

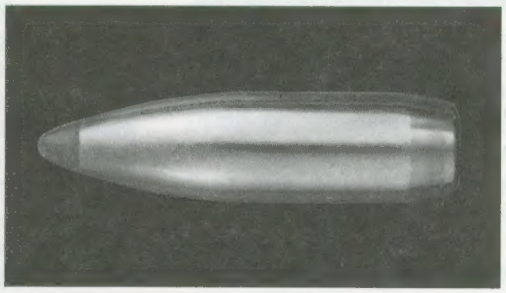

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Cover Story

On our cover we are featuring a shooter who has set two Varmint records during the 1979 season. Mr. Ed. Goff is the current holder of two Varmint records; one for group and one for aggregate.

On July 1, 1979 Ed put together a .161 200 yard Light Varmint group record. It was a beautiful target with a nice round hole in it. Keeping his good streak going he fired a new Heavy Varmint 100 & 200 yard Grand Aggregate record at Council Cup on September 29 & 30, 1979. His new record of .2388 replaces a .2491 fired in 1965.

To establish both of these records Ed used his 6PPC Sporter which is built on a Remington 600 action with Atkinson barrel and Pindell gunsmithing. Fred Sinclair did the stock work and the rifle carries a Lyman-Siebert 30X scope. The load is 28 gr. of H-322 in Sako cases with Hollister 68 gr. bullets and Federal 205M primers. Ed makes a pretty fair case for the one rifle shooter as he handles his Sporter well at all times.

We are pleased to feature Ed on the cover and extend our best congratulations to him for his fine shooting this past summer. May it continue in 1980.

Please let us know, well in advance, what your new address will be. Send your old address too — even better, enclose the address label from a recent issue. The Post Office will not forward your copies unless you pay extra postage, but we will see that your "Precision Shooting" reaches you, without interruption, if you notify us six weeks in advance of your move. Write to Precision Shooting, Box 6, Athens, Pa. 18810.

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snow. Apparently there are many of us who do not really care which month is used. Obviously we have some who just don't care.

It would appear that the matter still rests with the President as the membership was unable to decide. A flip of the coin may be called for!

* * * *

This issue carries the IBS record sheets for 1979. There are some new records. We would like to officially congratulate all who were fortunate enough to break a record. It is a good feeling and quite an accomplishment as the competition gets better each season. Our best to the new recordholders.

* * * *

Benchrest '80 keeps moving along. We had hopes to have the date and location by now but the match schedule has not been assembled so we have no idea as to when the various ranges are available. As soon as we know anything we will announce the setting. If you are interested in attending and have not contacted us please do so as interest is very high and we would not like to see anyone left out.

The "Benchrest '79" notes are transcribed. If you are interested in buying a copy please contact us. If interest is great enough we will consider duplicating them.

Winter Meeting of I.B.S.

(Continued)

Next was a report by the recording secretary which usually included results of the ballot for election. This has been invalidated because of an error in mailing the ballots. There will be a new ballot in the December issue. This has to be returned to the recording secretary by Dec. 31, 1979. The reason being that the rule book states new officers should be installed by January 1, 1980.

Special Committees: A committee was appointed last year at the annual meeting to report on what to do about attendance at the Winter Meeting. Mike Walker was chairman and gave his report. Recommendations were: 1. Change the name from "Winter Meeting" to "IBS Annual Convention."

a. A convention committee, chosen by the President, should arrange for as many exhibitors as possible — related to Benchrest shooting.
b. The committee should pick a spot where an exhibit, and possibly a banquet, can be held.
c. Door prizes for both men and women should be planned.
d. A budget should be approved for running the convention, including the above.
e. Convention badges should be issued so that exhibits are limited and voting members can be identified. This may require two types of colors for badges, voting — non-voting.
f. Rules should be issued regarding the complete firearms exhibited, i.e., all firearms should be delivered to the exhibit hall in hard boxes & without operable firing mechanisms.

2. Give the shooters and members present a voice in the proceedings by:

a. Changing the by-laws if necessary to force all directors to bring signed proxies from the shooters they represent.
b. Change the voting to all those present at the meeting plus a count of the proxies in the hands of the Directors.
c. All shooters and members who do not attend, and are not club members, should mail their proxies, i.e., Council Cup, Johnstown or Mainville. Since we publish the agenda three months in advance of the meeting, a system of voting by proxy could work very well. If it seems necessary to limit the voting to shooters this can be done also.
d. If the Board of Directors feels that some division in the issues to be voted between Directors of clubs and shooters would be desirable this could be done without too much difficulty.

Comments

The President will need to appoint a "Working" Committee to take care of all convention procedures. The choice of the city or town where the convention is held will need to be done carefully in order to insure that the proper facilities are available. It might also be pointed out that we should not hold a convention in any town or city where anti-hunting or anti-gun groups are active. If we want the convention to be a real success, the approved budget should be as much as IBS can afford annually.

Bob White stated that those points were well taken. Bob intends to take action on members voting. Many comments were heard from members in attendance.

Nominating Committee: Chairman Lloyd Richards gave the report: the new ballot in the December issue of P.S. will have the same candidates as the previous ballot. In addition there will be 1st. V.P. added if the agenda item from last year is passed. Bob White will appoint a new committee for next year as Lloyd Richards has resigned. Milan Skodacek volunteered to be chairman and Paul Kempfer and Paul Olewine were retained.

Measuring Committee: Chairman Lloyd Richards reported that many records were broken. One thing in favor of this committee is that all 3 members live close by which speeds up measuring.

Awards Committee: Chairman Gary Ocock reported that the top 20 patches for the 3-gun have been mailed out. The only problems are match results are not being received and the traveling plaque has been lost in the mail. (there is a tracer on it) He is in the process of replacing it with the retired experimental plaque. There has been renewed interest in the Precision Rifleman award and match results are needed for this. It was requested by many members that the requirements for this award should be printed in P.S..

International Committee: Rick Hornbeck reported that his main objective for this year of office was to affiliate West Germany and France with IBS. This has been done. He listed members as being: Rick Hornbeck, IBS chairman; Peter Hammerich, West Germany; George Cunnington, France; Wayne Tubman, BRSA; Alberto Midili, AITBR; and Ron Marsden, Australia. Postal matches this year cost $161.04. There are 273 postal match medallions on hand and they should last many years. New potential growth areas are the Netherlands, Belgium, and Finland. A couple of other projects in the works are IBS world record procedures for our contemporaries and other affiliated countries submitting records to our record committee for possible recognition. We will also be considering records for metric. Last year there were discussions on some of the problems on moving targets around from other countries, and their rules. Procedures that would be allowed for foreign countries holding registered matches to submitting records to IBS records committee are: any group or aggregate listed in the current IBS rule book, section 3, may be applied for. When an affiliated country determines that a possible new world record target, or aggregate, has been fired they may submit those targets to the IBS record committee chairman. 2 copies of the enclosed sample form shall be completed and signed by the affiliated organization record chairman, or his delegate. (Rick suggests that if metric records are accepted, the agg. or group would have to be .030 better than the previous record) The requirements are: Countries must be fully affiliated with IBS. The competitor must be in good standing with the affiliated organization, or member of IBS or another affiliated country. All rules and equipment limitations in the current rule book must be met. The possible world record form must be completed and signed. If it is decided not to go metric there is a capability for measuring those targets in metric and converting them into yards.

Public Relations and Liaison Committee: Bob White had nothing to report as there was no formal liaison.

Cooling off Committee: Chairman Clyde Hart suggested no committee is needed for this. If the need arises the President will appoint a new committee.

Powder Puff Committee: No members were present: the same committee was retained for next year.

Old business was called for, and there was none. No new business was discussed.

A motion to adjourn the membership meeting was made by Lloyd Richards, seconded by Randy Fritz, all in favor.

BOARD OF DIRECTORS MEETING

CONSIDER, DISCUSS, AND VOTE UPON AGENDA ITEMS FROM 1978 WINTER MEETING

Agenda item No.

1. *Accept or reject rule changes made at the 1978 IBS Annual Meeting which have been used over the past year;*
   a. item 5—Establish 300 yard and 200/300 yard aggregate official records for all classes of rifles.
   THE RULE CHANGE SHOULD READ: 300 yard and 200/300 yard aggregate and 100/200/300 yard aggregate official records for all classes of rifles will be established using the existing Canadian records, where no IBS records exist, in these categories as a basis during 1979. All voted yes. ACCEPTED
   b. item 8—all voted against pre 1979 scoring rules. (this also includes varmint)
   c. item 9—ACCEPTED
   d. item 10—ACCEPTED
   e. item 11—ACCEPTED
   f. item 13—REJECTED—2nd. sentence only.
   g. item 14—ACCEPTED

2. *Agenda item No. 10 - 1977. Consider and take appropriate action concerning a better type of target paper for precise group measurement. Committee appointed to work on this and report back: Bob White, Chairman.*
   Bob has one more paper to try but so far the paper used in IBM cards has been the best. Clyde made a motion to leave finding a better paper for targets up to the membership. Bob Linn seconded. ACCEPTED

3. *Agenda item 15 - 1978. Discuss the possibility of an IBS points competition during the summer registered match schedule to determine an IBS points champion in each class of competition. This may increase registered match attendance throughout the summer months. Committee appointed to investigate and report at next meeting: Lloyd Richards, Chairman.*
   Clyde Hart motioned to reject this item. John Moulthrop seconded. All in favor.

4. *Allow the general membership to vote at all IBS Meetings.*
   Mike Walker motioned to reject this item. Clyde Hart seconded. All in favor.

5. *Allow electronic wind sensing devices in all classes of competition.*
   Mike Walker motioned to reject this item, Charles Pardoe seconded. All in favor.

6. *Delete the Sporter Class and replace it with the Heavy Bench Rifle in the 3 Gun Aggregate at the International Championships.*
   Clyde Hart motioned to reject this item. Willie Sahler seconded. All in favor.

7. *Insert under C. Firing, page 13 of the rule book, the following statement: "Any violation of this rule will result in disqualification of the offending shooters for that class of competition.*
   Floyd Skakel made the motion to accept. Charlie Fountaine seconded. All in favor.

8. *The IBS Official Match Contract form shall be changed to allow the host club to insert the types of multiple gun aggregates that the shooters will be competing for.*
   Floyd Skakel made the motion to accept. Lloyd Richards seconded. All in favor.

9. *Increase the IBS annual dues from $13.00 to $15.00 in order to provide a more realistic portion of the dues to the association.*
   Lloyd Richards made the motion to accept. Clyde Hart seconded. All in favor.

10. *Allow a special election to be conducted at this meeting and voted by all IBS members present in order to fill the term of 1st Vice President vacated by Bob White. The candidates to be on the ballot are to be those presented by the nominating committee.*
    There were not enough members in attendance to justify voting on this item. There will be a new mail ballot in the December issue for voting for 1st. V.P. This mail ballot was motioned for acceptance by Charlie Fountaine and seconded by Lloyd Richards. All in favor.

11. *Consider revising the current "Match Score Sheets" and Match Registration Sheets in order to make them more effective for current competition.*
    This was accepted with the stipulation that Bob White appoint a committee to revise these and his word will be the final decision. The motion to accept was made by John Moulthrop and seconded by Lloyd Richards. All in favor.

12. *Change firing line commands to read as follows: "Ready on the right, ready on the left, replace bolts, ready on the firing line. Commence firing."*
    A motion was made to delete item B on page 12 of the rule book and modify the general instructions read at the beginning of each match to provide for insertion and removal of bolts in the proper sequence of commands.
    RULE CHANGE: All bolts will be removed from the rifles until the command—Ready on the right, ready on the left, replace bolts, ready on the firing line. Commence firing. When match time has expired or when the last shooter has finished his string of fire, whichever shall be earlier, the range officer will give the following commands: cease fire, remove your bolts, clear the benches. Lloyd Richards made the motion to accept, seconded by Hank Gonnella. All in favor.

Before discussing the remaining agenda items there were bids on the 1980 Championship matches by the directors. They are as follows:

July 19 and 20——200 & 300 yard H.V., L.V., & H.B. Championship: Mainville

Aug. 9 and 10——100 & 200 yard H.B. IBS Championship: Council Cup

Aug. 21-24——100 & 200 yard IBS Varmint & Sporter championship: Camillus

Sept. 20 and 21——100 & 200 yard Hunter Championship: Mainville

13. *Amend the by-laws to allow for members to vote on certain specified items*

Next Page Please

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In response to urging by **Handloader** readers, Wolfe Publishing Company has published Ken Waters' popular series "Pet Loads" in book form. This giant looseleaf edition comprises feature articles on rifle cartridges ranging from the .22 Hornet and .218 Bee to the .45-70 and .458 RCBS, plus handgun cartridges from the .32 S & W Long to the .45 Colt — the first thirteen years of the "Pet Load" series.

The articles include historical notes on each cartridge, details of the test firearms used to develop loads, a great variety of load combinations, and reports on the performance of the loads tested. For several cartridges, follow-up articles bring earlier "Pet Loads" features up to date, with loads for newer powders and bullets. No other known book on handloading gives such detailed treatment to each cartridge itself or includes loads for such a wide variety of components — all tested, with results reported.

The four hundred and sixteen 8-1/2 x 11 pages come in a deluxe five-ring vinyl binder deeply embossed and stamped in gold. "Pet Loads" articles appearing later in **Handloader** will be available separately in semiannual supplements to keep this unique reference book always current, and separate binders will be offered later to allow for expansion into two volumes as the supplements accumulate.

Price is twenty-nine fifty, postpaid, from Wolfe Publishing Company, Inc.; P. O. Box 3030, Prescott, Arizona 83602.

Editors note: Over the years some of the most detailed loading data for rifles in general has appeared in **Handloader** magazine under the pen of Mr. Ken Waters. The recently published book mentioned above combines all that under one roof. After reading my copy for many hours I can recommend it to anyone who has any interest in reloading at all. It is a treasure-trove of information, opinion and just plain gun talk.

R.R.M.

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Winter Meeting of I.B.S.

(Continued)

at the annual meeting. (This is a recommendation from the committee appointed last year for the purpose of increasing attendance.)

RULE CHANGE: Amend the bylaws to allow for members present at the meeting to vote on items at the Annual Meeting. (This is a recommendation of the committee appointed last year for the purpose of increasing attendance at the Annual Meeting.) Mike Walker made the motion to accept, seconded by Charles Pardoe. All in favor.

14. *Recognize L.V. as a separate class in Varmint for score shooting and recognize scores shot in L.V. for 1979. This enables a 2-gun aggregate in Varmint for score. The present rule recognizes only H.V.*
    The motion was made to accept by Randy Fritz, seconded by Gary Ocock. All in favor.

15. *Consider a requirement for ranges to use black paper for moving backer sheets.*
    A motion was made by Lloyd Richards to reject this item, seconded by Hank Gonnella. All in favor.

16. *Allow range operators to have the control of flag placement if the present flag rule is unsatisfactory to range officials.*
    A motion was made by Charlie Fountaine to reject this item, seconded by Willie Sahler. All in favor.

17. *Establish world records in meters in addition to yards.*
    RULE CHANGE: Establish world records in meters in addition to yards for the best groups & aggregates at the end of the 1st. year (1980). Randy made the motion to accept, John Moulthrop seconded. All in favor.

18. & 19. previously withdrawn

20. *Consider having IBS adopt a system of award certificates at all registered matches.*
    A motion was made by John Moulthrop to reject this item. Seconded by Randy Fritz. All in favor.

Bob White moved to close the Board of Director's Meeting. Clyde and Ed audited the treasurer's books and found them to be in good order. Charlie Fountaine made a motion to accept Bob's motion, seconded by Hank Gonnella. All in favor.

IBS INTERNATIONAL RECORDS As of January 1st, 1980

SINGLE GROUPS	EXPERIMENTAL	HEAVY BENCH REST RIFLES	HEAVY VARMINT	LIGHT VARMINT	SPORTER	3 GUN SPORTER & VARMINT AGGREGATE
5-100		.063" Zeiser 8/30/58	**.060" J. Winters 6/9/79**	.077" C. Fountaine 9/20/75	.077" E. Thompson 8/30/73	
5-200		.161" D. Pickens 7/15/67	.192" Gillman 6/24/64	**.161" E. Goff 7/1/79**	.259" L. Hunt 7/5/69	
5-300 Meter		.605" Gottschall 5/9/65	.787" Bassett 10/6/68	.887" D. Hall 5/30/69	.817" D. Kiel 5/30/69	
5-300 Yard			.541" R. White 9/1/74	.579 A. Euber 8/6/78		
10-100		.138" F. Pindell 8/27/69				
10-200		.298" Miller 7/20/68				
10-300 Meter		.918" Rhinehart 8/30/57				
10-300 Yard		.813" J. Reynolds 9/1/74				
AGGREGATES — MOA						
5-5-100		.1776 J. Stekl 6/18/77	.1951 J. Vinci 6/17/78	.1605 P. McMillan 8/4/77	**.2292 L. Bruno 8/23/79**	
5-5-200		.2290 Engelbrecht 11/4/67	**.2231 G. Hess 9/30/79**	.2151 J. Fry 10/12/75	.2101 G. Anderson 8/26/78	
5-5-300 Meter		.3547 Demoise 5/14/66	.4640 Mick 5/7/67	.5527 T. Seitz 6/22/68	.4989 W. Dunn 5/30/69	
5-5-300 Yard			.3685 G. Ocock 7/14/78	.3299 A. Euber 8/6/78		
5-10-100		.2278 Cornelison 10/22/66				
5-10-200		.2496 E. Walker 8/11/62				
5-10-300 Meter		.5105 A. Angerman 6/1/69				
5-10-300 Yard		.4282 J. Eaton 9/4/76				
GRAND AGGREGATES — MOA						
5-5 (100 plus 200)		.2275 Carden 11/4/67	**.2388 E. Goff 9/30/79**	.2293 J. Fry 10/12/75	.2754 R. White 8/24-25/78	.2971 A. Euber 8/4-7/77
5-5 (200 yard plus 300) Meter		.3639 P. Gottschall 5/9/65	.4703 Kiel 10/6/68	.5000 T. Seitz 6/22/68	.5469 W. Dunn 5/30/69	
5-5 (200 plus 300) Yard			.3717 G. Price 8/5-6/78	.3469 A. Euber 8/5-6/78		
5-5 (100 plus 200 plus 300)			**.3411 E. Joiner 6/9/79**	**.3601 A. Euber 6/9/79**		
5-10 (100 plus 200)		.2563 Roberts 8/11/62				
5-10 (200 Yard plus 300) Meter		.4627 A. Angerman 6/1/69				
5-10 (200 plus 300) Yard		.4605 J. Eaton 9/3-4/76				

HUNTER SCORES			1,000 Yd. Benchrest	VARMINT FOR SCORE 5-5-100	
5-5 (100)	**5-5 (200)**	**5-5 (100+200)**	**10 SHOTS 1,000 YD.**	**HEAVY VARMINT**	**LIGHT VARMINT**
250-16x Guy Green 9/16/72	245-5x R. Gower 9/17/78	**494-19x T. Hidalgo 9/15-16/79**	10.062" R. Guinther 8/27/72	**250-16x J. Eaton 7/22/79**	**250-20x J. Eaton 7/21/79**

Registered Hunter Match

SULPHYR SPRINGS RIFLE AND REVOLVER CLUB, INC.
Muncy, Pa. October 7, 1979

	Score	Cal.	Rifle	Scope	Bullet	Load	Case	Primer
MASTER CLASS								
1. Randy Fritz Bloomsburg, Pa.	248-14x	6x47	600 McMillan	Redfield	Sierra 70	28.3 gr. 4895	Fed.	205
2. William Theis S. Williamsport	247-10x	6x47	Rem. Hart	Lyman	Sierra 70	27.3 gr. 4895	Fed.	205
3. Nicholas Yurchak Muncy, Pa.	247-7x	308	M70 Win.	Leupold	Sierra 168	38.5 gr. 4064	Win.	Rem.
4. Paul Olewine Dauphin, Pa.	246-13x	6x47	700 Hart	Leupold	68	29 gr. 748	RP	205
5. Vince Pastorella Milnesville	246-10x	308	Rem. Hart	Weaver	U&C 168	41 gr. 4895	Fed.	Fed.
6. Randall Fritz Bloomsburg	246-6x	308	Rem. Hart	Lyman	Sierra 168	39.5 gr. 4064	LC	Fed.
7. Todd Fritz Bloomsburg	244-10x	6x47	720 Hart	Leupold	Sierra 70	23.5 gr.	Rem.	Fed.
8. Guy Green Hughesville	244-4x	308	Rem. 722 Douglas	Pecar	Sierra 168	38.5 gr. 4064	RA60	Alcan
9. Russell Parry Forksville	(Did Not Complete)	308	Rem. McMillan	Lyman	Nosler 168	38 gr. 4895	Win.	Fed.
HUNTER CLASS								
1. Conrad Eckrote Drums	247-13x	308	Rem. Douglas	Weaver	S&C 168	39.5 gr. 3031	Fed.	Fed.
2. Ed. Starzinski Kingston	247-10	308	Rem. 700 Hart	Weaver	Sierra 168	39.5 gr. 4895	Fed.	Fed.
3. Dennis Edwards Tunkhannock	246-11x	308	Rem. Hart	Weaver	Sierra 168	41 gr. 4895	Fed.	210M
4. James Zeyn Watsontown	243-13x	6x47	600 Hart	Lyman	Sierra 70	26 gr. H322	Rem.	205
5. Carl Lynn Williamsport	242-6x	6x47	700 C&P, Hart	Lyman	Lynn 70	26 gr. 4895	Rem.	7-1/2
6. Anna Pastorella Milnesville	240-8x	308	Rem. Hart	Weaver	U&C 168	39 gr. 4895	Fed.	Fed.
7. Charles Dailey Painted Post	184-2x	308	Ithaca	Bearcat	Sierra 150	45.5 gr. 4064	Fed.	CCI

Registered Varmint Match

SULPHYR SPRINGS RIFLE AND REVOLVER CLUB, INC.
October 7, 1979

	Score	Cal.	Rifle	Scope	Bullet	Load	Case	Primer
VARMINT CLASS								
1. Robin Fritz Bloomsburg	250-19x	6-BR	Rem. Atk.	Leupold	Sierra 70	38 gr. H322	Fed.	205
2. Stanley Starzinski Wyoming, Pa.	250-17x	308	Hart I-A Hart	Lyman	Sierra 168	40.5 gr. 4895	Fed.	Fed.
3. Ed. Starzinski Kingston	249-16x	6PPC	Slv. 722 Hart	Lyman	Sierra 70	28 gr. H322	Sako	Fed.
4. Agnes Sabo Hazleton	249-12x	6BR	Rem.	Leupold	P.O. 68	29 gr. 322	Rem.	Fed.
5. Carl Ney Montoursville	249-10x	6x47	40X Hart		Rem. 68	26 gr. H322	Fed.	205
6. Glen Flook Jr. Williamsport	248-12x	6PPC	40X Hart	Lyman	Sierra 70	28.5 gr. 748	Sako	205
7. Bill Gebhardt Lock Haven	247-8x	6BR	Rem. 700	Leupold	Sierra 70	29 gr. 322	Rem.	205

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UNREGISTERED SHOOT REPORT

FIRST ANNUAL MEMORIAL MATCH AT DUNHAM'S BAY RANGE OCTOBER 14, 1979

HEAVY VARMINT	WU	1	2	3	4	5	AGG.
1. Seely Masker	.286	.417	.290	.359	.215	.286	.3134
2. Chas. Fountaine	.570	.304	.467	.415	.220	.180	.3172
3. Joe Winters	.482	.386	.266	.377	.388	.336	.3506
4. Lee Euber	.445	.332	.430	.265	.396	.450	.3746
5. Dan Halterman	.305	.316	.227	.460	.639	.327	.4028
6. Jim Meyers	.445	.490	.303	.373	.489	.385	.4080
7. Dave Franklin	.708	.362	.244	.334	.715	.405	.4120
8. Erwin Elithorpe	.334	.587	.478	.481	.308	.232	.4172
9. Allie Euber	.471	.550	.310	.727	.363	.146	.4192
10. George Foster	.502	.343	.266	.398	.785	.354	.4292
11. Ernie Willson	.663	.533	.355	.519	.408	.345	.4320
12. Jerry Straight	.266	.309	.376	.703	.404	.405	.4394
13. Ricky Butler	.582	.400	.585	.275	.410	.613	.4566
14. Fran Williams	.450	.594	.344	.410	.524	.441	.4626
15. Walt Kendall	.389	.266	.798	.300	.510	.600	.4948
16. Joe Gleason	.429	.546	.296	.533	.820	.354	.5098
17. Bill Tardy	.619	.645	.311	.586	.543	.479	.5128
18. Wayne Howard	.611	.608	.488	.652	.431	.445	.5248
19. Joe Vinci	.452	.447	.556	.647	.743	.240	.5266
20. Ben Vanyush	.479	.724	.461	.372	.423	.728	.5416
21. Lou Church	.766	.634	.564	.600	.522	.654	.5948
22. Mike Mabee	.712	1.011	.712	.625	.943	.726	.6034
23. Elmer Hills	1.607	1.063	.450	.893	.703	.685	.7588
HUNTER							
1. Seely Masker	49-3	50-4	49-3	50-3	50-3	50-2	249-15X
2. Norm St. Pierre	45-0	49-2	49-1	50-1	49-2	50-2	247-8X
3. George Foster	49-3	50-2	49-2	47-3	50-2	50-4	246-13X
4. Ernie Willson	48-1	48-2	48-0	46-0	48-1	47-1	237-4X
5. Elmer Hills	50-2	46-0	46-0	47-0	46-0	46-1	231-1X

Thanks to all those who came down on a cold, windy miserable day. We had a total of $352.00 to divide between the American Cancer Society and the Heart Fund. They have expressed their gratitude.

The Cancer Society donated some very nice pens to be used as match awards, and it was interesting to see where some of these went. Jerry Straight won the Warm-up Match; Walt Kendal the first, which was also the first record match he had ever fired. Dan Halterman won with Glenn Morrison's old rifle, Lee and Allie, George Jackson's nephews each won, and Seely snuck in there somehow.

Charles Fountaine
Reporter

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FIREARM RESTORATION of all makes, (specializing in Winchesters), SASE, Harry Hoffman Gunsmith, RD No. 4, Box 438, Quarryville, Pa. 17566.

FOR SALE: Heavy Bench rifle, all aluminum, 6x47 Hart barrel, 1-1/2" by 24", Remington 700 action, mounted on a 6" x 6" aluminum block, front rest to fit the Hart rest, plus rear rest, with travel box $450.00, with 24X scope $575.00. Tony Varengo 109 Ames Ave., Syracuse, NY, 13207, 1-315-469-0719.

FOR SALE: Sporter, 6PPC, 40X, Sherer barrel, Canjar trigger, 600 rounds, $450.00.
Sporter, 6PPC, XP-100, Hart barrel, 2 oz. trigger, $450.00.
Heavy Varmint, 222 Mag., Sleeved 700, 2 oz. trigger, McMillan barrel, 1,500 rounds, $450.00.
Remington 700 Varmint Special, 222 Remington, $180.00
Custom bullets, 6mm 63, 65 & 68 gr., Pindell dies, $8.50 per 100. 22 cal. 52 gr., B & A dies $8.00 per 100.
T & D Precision, Rt., Box 85, Brevard, NC, 28712, 1-704-885-2741

FOR SALE: 50 caliber Gundrill tips, Carboloy inserted, ground to your specifications, $48.00 each, a SUPERIOR tool. Ross Sherman, 37 James St., Dryden, NY, 13053

FOR SALE: BR cases, .22BR, 6mm.BR, 7mm.BR, formed from Remington BR brass, $8.50 box 20 postpaid. Out of state to FFL holders only. Ed Longo, 111 N. Hyde Park Ave. Scranton, Pa. 18504 717-347-4366.

WANTED: 460 Weatherby Magnum, must be German, any condition accepted, 378 or 460 action or barreled action, must be German Weatherby, also H-570 powder, any quantity. Write or call collect: Earl Chronister, R.D. 2, York, PA, 17403, 1-717-741-2081.

WANTED: Remington 600 or XP-100 bolt, .222 bolt face, Roman lead wire cutter, Biehler & Astles bullet swage press, die bodies and core swage. Banta or RCBS bullet swage dies in .22 6mm and .25 calibers, .17 caliber rifle barrel, 3/16" lead wire. Chambering reamers for .17 Remington and 5.7mm Johnson Spitfire, Freeland bore saver for 52 Winchester. Don Howell, Box 66, Gardner, Kansas, 66030

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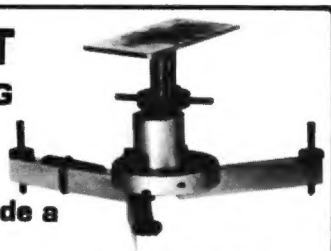

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